

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	8	CDCP1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/04 10:43
S2	5	SIMA135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/01 17:34
S3	8491	TRASK	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/04 10:44
S4	0	S3 with src	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/04 10:44
S5	1	CD318	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/04 10:44
S6	3	"6245898".pn. "6498014".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/12/04 16:39

**CD318**

CDCP1 (CUB domain-containing protein 1), SIMA135, TRASK

**Molecule Type**Non-lineage Restricted Molecule  
Transmembrane protein**Antigen Expression**Stem Cell, Subset  
Hematopoietic Cell  
Epithelial Cell  
Tumor Cell  
Muscle  
Colon**Molecular Weight**  
Min / Max  
135 / 135  
80 / 80  
140 / 140**Expression**

CD318 is expressed on hematopoietic stem cell subsets, epithelial cells and in a number of human tumor cell lines as well as in colorectal cancer, breast carcinoma and lung cancer. High expression levels are in skeletal muscle and colon with lower levels in kidney, small intestine, placenta and lung. There is also expression in cells with phenotypes reminiscent of mesenchymal stem cells and neural cells.

**Structure****MOLECULAR FAMILY NAME:**

CD318 is a single-pass glycoprotein and its shedding may lead to a soluble peptide.

CDCP1 is a novel transmembrane protein. The protein encoded by this gene is located on the cell surface and is a transmembrane protein containing three extracellular CUB domains.

**MOLECULAR MASS****POST-TRANSCRIPTIONAL MODIFICATION**

Alternative splicing yields 3 different isoforms.

**POST-TRANSLATIONAL MODIFICATION**

CDCP1 is N-glycosylated.

**Ligands****LIGANDS AND MOLECULE ASSOCIATED WITH CD318:** No information.**Function**

CD318 is a marker for hematopoietic stem cells in addition to being a tumor-associated protein. CDCP1 may be involved in cell adhesion, cell matrix associations or interactions with the extracellular matrix. It may play a role in the regulation of anchorage versus migration versus differentiation via its phosphorylation. It may also be a novel marker for leukemia diagnosis and for immature hematopoietic stem cell subsets. It belongs to the tetraspanin web involved in tumor progression and metastasis.

This protein is found to be overexpressed in colon and lung cancers. Its expression level is correlated with the metastatic ability of carcinoma cells. It is shown to be tyrosine phosphorylated in a cancer cell line.

**BIOCHEMICAL ACTIVITY:** No information.**DISEASE RELEVANCE AND FUNCTION OF CD318 IN INTACT ANIMAL:** No information.**Comments****MOLECULAR INTERACTIONS****PROTEINS AND DNA ELEMENTS WHICH REGULATE TRANSCRIPTION OF CD318:** No information.**SUBSTRATES:** No information.



[New Search \(GeneCards Home\)](#) | [GeneCards Guide](#) | [User Feedback](#) | [Terms of Use](#) | [Notice about third-party sites](#)

**This service is provided free to academic non-profit institutions. ALL other users require a Commercial License from XenneX, Inc. Unauthorized usage of this service is in breach of the terms and conditions of this web site, and may cause the user to incur fees for usage.**

## GeneCard for protein-coding **CDCP1** **GC03M045098**

CUB domain containing

Symbol approved by the HUGO Gene Nomenclature Committee

invitrogen Gene

Antibodies / RNAi / Pathways

[Services](#)

[Jump to Section...](#)



**Aliases and Descriptions**  
(According to <sup>1</sup>HGNC, <sup>2</sup>Entrez Gene, <sup>3</sup>UniProt/Swiss-Prot, <sup>4</sup>UniProt/TrEMBL, <sup>5</sup>GDB, <sup>6</sup>OMIM, <sup>7</sup>GeneLoc, and/or <sup>8</sup>Ensembl)  
[About This Section](#)

**Aliases**  
CD318<sup>1, 2</sup>  
SIMA135<sup>1, 2, 3</sup>  
TRASK<sup>2, 3</sup>

**Descriptions**  
CD318 antigen<sup>3</sup>  
CUB domain containing protein 1<sup>1, 2, 5</sup>  
CUB domain-containing protein 1 precursor<sup>3</sup>  
Membrane glycoprotein gp140<sup>3</sup>  
Subtractive immunization M plus HEp3-associated 135 kDa protein  
Transmembrane and associated with src kinases<sup>3</sup>

[Search outside databases for aliases](#)

[Jump to Section...](#)

Previous GC identifiers: GC03M044303 GC03M044943 GC03M045084

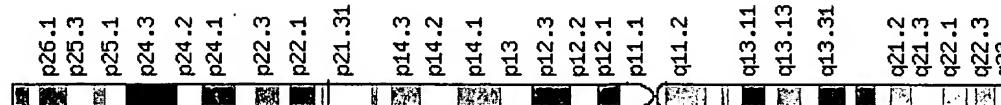
**Genomic Location**  
(According to GeneLoc and/or HGNC, and/or Entrez Gene (NCBI build 36), and/or miRBase, Genomic Views According to UCSC and Ensembl)  
[About This Section](#)

Chromosome: 3

Entrez Gene cytogenetic band: 3p21.31 Ensembl cytogenetic band: 3p21.31

Gene in genomic location: bands according to Ensembl, locations according to [Gene](#) (different)

Chr 3



GeneLoc gene densities for chromosome 3

GeneLoc location for GC03M045098: [\(about GC identifiers\)](#)

Start: 45,098,773 bp from pter

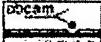
End: 45,162,918 bp from pter

Size: 64,145 bases

Orientation: minus strand

RefSeq genomic assemblies:

NC\_000003.10 NT\_022517.17

<p><b>Proteins</b>            (According to <a href="#">1UniProt</a>,            and/or <a href="#">Ensembl</a>,            Phosphorylation sites            according to <a href="#">2Phosphosite</a>,  <a href="#">Recombinant Proteins</a> and  <a href="#">Biochemical Assays</a> by  <a href="#">Invitrogen</a>, <a href="#">RefSeq</a>            according to <a href="#">NCBI</a>, <a href="#">PDB</a>            rendering according to  <a href="#">OCA</a>, <a href="#">Ontologies</a> according            to <a href="#">Gene Ontology</a>  <a href="#">Consortium 2006-09-01</a>            and <a href="#">Entrez Gene</a>,  <a href="#">Antibodies</a> by <a href="#">Invitrogen</a>,  <a href="#">Cell Signaling Technology</a>,            and/or <a href="#">Abcam</a>)  <a href="#">About This Section</a></p>	<p><b>Genomic View:</b>  <a href="#">UCSC Golden Path with GeneCards custom track</a></p> <p><b>UniProt/Swiss-Prot:</b> <a href="#">CDCP1_HUMAN</a>, Q9H5V8 (See protein sequence)</p> <ul style="list-style-type: none"> <li><b>ORFNames:</b> UNQ2486/PRO5773</li> <li><b>Size:</b> 836 amino acids; 92875 Da</li> <li><b>Subunit:</b> Interacts with CDH2/N-cadherin, CDH3/P-cadherin, SDC1/syndecan-1, serine protease ST14/MT-SP1. Also interacts with SRC and PRKCG/protein kinase C gamma.</li> <li><b>Subcellular location:</b> Cell membrane; single-pass membrane protein (Potentially lead to a soluble peptide)</li> </ul> <p><b>Post-translational modifications:</b></p> <ul style="list-style-type: none"> <li>A soluble form may also be produced by proteolytic cleavage at the cell surface peptide of 80 kDa (p80) is present in cultured keratinocytes probably due to tryptic cleavage at an unidentified site on its N-terminal side. Converted to p80 by plasmin, a trypsin-like protease.</li> <li>View phosphorylation sites using <a href="#">PhosphoSite</a><sup>2</sup></li> </ul> <p><b>REFSEQ proteins (2 alternative transcripts):</b>  <a href="#">NP_073753.3</a> <a href="#">NP_835488.1</a></p> <p><b>ENSEMBL proteins:</b>  <a href="#">ENSP00000296129</a></p> <p><b>Human Recombinant Proteins</b>   <a href="#">Browse Drug Discovery Central at Invitrogen for human recombinant proteins</a></p> <p><b>2 Gene Ontology (GO) cellular component terms (links to tree view):</b> <a href="#">Improved</a></p> <table border="1"> <thead> <tr> <th>GO ID</th><th>GO term</th><th>Evidence</th><th>PubMed IDs</th></tr> </thead> <tbody> <tr> <td>GO:0016020</td><td>membrane</td><td>IEA</td><td>--</td></tr> <tr> <td>GO:0016021</td><td>integral to membrane</td><td>IEA</td><td>--</td></tr> </tbody> </table> <p><a href="#">About this table</a></p> <p><b>Antibodies for CDCP1:</b>   <a href="#">Browse Antibodies Central at Invitrogen</a> <a href="#">Improved</a></p> <p> <a href="#">Antibodies from Abcam (CDCP1)</a>, each with their <a href="#">Abpromise</a><sup>SM</sup></p> <p><b>Assays for CDCP1:</b>   <a href="#">Browse Invitrogen for biochemical assays</a> </p>	GO ID	GO term	Evidence	PubMed IDs	GO:0016020	membrane	IEA	--	GO:0016021	integral to membrane	IEA	--
GO ID	GO term	Evidence	PubMed IDs										
GO:0016020	membrane	IEA	--										
GO:0016021	integral to membrane	IEA	--										
<p><b>Protein Domains/            Families</b>            (According to <a href="#">InterPro</a>,  <a href="#">ProtoNet</a>, <a href="#">UniProt</a>, and/or  <a href="#">BLOCKS</a>, Sets of similar            genes according to  <a href="#">GeneDecks</a>)  <a href="#">About This Section</a></p>	<p><b>1 InterPro domain/family:</b></p> <p><input checked="" type="checkbox"/> <a href="#">IPR000859 CUB</a></p> <p><b>GeneDecks</b> the gene CDCP1 for the domains selected above.  <a href="#">About GeneDecks</a> </p> <p><a href="#">Graphical View of Domain Structure for UniProt Entry Q9H5V8</a></p>												
<p><a href="#">Jump to Section...</a> </p>	<p><b>ProtoNet protein and cluster:</b> <a href="#">Q9H5V8</a></p> <p><b>UniProt/Swiss-Prot:</b> <a href="#">CDCP1_HUMAN</a>, Q9H5V8</p> <ul style="list-style-type: none"> <li><b>Similarity:</b> Contains 1 CUB domain</li> </ul>												

**Gene Function**  
 (According to MGD Sep 23  
 2006, UniProt,  
 IUBMB, and/or Genatlas,  
 RNAi Products, Clones,  
 and Q-PCR Products from  
 Invitrogen, Ontologies  
 according to Gene  
 Ontology Consortium  
 2006-09-01 and Entrez  
 Gene.)  
[About This Section](#)

Jump to Section...

RNAi:

 Invitrogen RNAi Products for gene knock-down (CDCP1)

Clones:

 Invitrogen Clones for CDCP1 

Primers:

 Invitrogen Q-PCR LUX™ Primers for CDCP1 

UniProt/Swiss-Prot: CDCP1\_HUMAN, Q9H5V8

- **Function:** May be involved in cell adhesion and cell matrix association. May play regulation of anchorage versus migration or proliferation versus differentiation via phosphorylation. May be a novel marker for leukemia diagnosis and for immature cell subsets. Belongs to the tetraspanin web involved in tumor progression and

1 Gene Ontology (GO) molecular function term (links to tree view): 

GO ID	GO term	Evidence	PubMed IDs
GO:0016301	kinase activity	--	--

[About this table](#)

**Pathways & Interactions**  
 (Pathways according to  
 Invitrogen (maps by  
 GeneGo), Cell Signaling  
 Technology, KEGG and/or  
 UniProt,  
 Sets of similar genes  
 according to GeneDecks,  
 Interactions according to  
<sup>1</sup>UniProt and/or <sup>2</sup>MINT,  
 with links to IntAct,  
 Ontologies according to  
 Gene Ontology Consortium  
 2006-09-01 and Entrez  
 Gene.)  
[About This Section](#)

Jump to Section...

**Drugs & Compounds**  
 (Chemical Compounds  
 according to AKS and  
 Drugs according to  
 PharmGKB)  
[About This Section](#)

Jump to Section...

**Transcripts**  
 (GenBank/EMBL/DDBJ  
 Accessions according to  
 Unigene (Build 196 Homo  
 sapiens; Oct 17 2006) or  
 GenBank,  
 RefSeq according to  
 Entrez Gene,  
 DOTS (version 9), and/or

RNAi:

 Invitrogen RNAi Products for gene knock-down (CDCP1)

**REFSEQ mRNAs (2 alternative transcripts):**

(Click **AB** for Applied Biosystems TaqMan® Gene Expression Assays)

**AB** NM\_022842.3 **AB** NM\_178181.1

AceView,  
 protein sequences  
 according to [UniProt](#),  
 ESTs according to  
[GeneTide](#),  
 alternative splicing  
 isoforms according to [ASD](#),  
[UniProt](#), and/or [ECgene](#),  
 RNAi Products from  
[Invitrogen](#),  
 Clones available from  
[OriGene](#),  
 Expression Assays from  
[Applied Biosystems](#))  
[About This Section](#)

Jump to Section...

2  OriGene Full-length cDNA clones and unique splice variants in a CMV expr

[NM\\_022842](#) [NM\\_178181](#)

Additional cDNA sequence:

[AF468010.1](#) [AK023834.1](#) [AK026187.1](#) [AK026329.1](#) [AK026622.1](#) [AY026461.1](#) /  
[AY375452.1](#) [BC021099.1](#) [BC069254.1](#)

18 DOTS entries:

[DT.444481](#) [DT.97861092](#) [DT.100787843](#) [DT.100787840](#) [DT.101956485](#) [DT.95271348](#) [DT.100787842](#) [DT.101961170](#) [DT.426143](#) [DT.75168869](#) [DT.99999123](#) [DT.421088](#)

24/176 AceView cDNA sequences (see all 176):

[BX473477](#) [AA554121](#) [BC069254](#) [AA292689](#) [NM\\_022842](#) [CB157642](#) [BM84000](#):  
[BM701518](#) [BM966788](#) [NM\\_178181](#) [BQ962997](#) [AA132854](#) [AI420501](#) [AI202358](#)  
[AA922764](#) [BC021099](#) [BM893690](#) [CA307237](#) [BM044552](#) [CB129853](#) [BM893567](#)

 highest scoring ESTs for [CDCP1](#):

[AA493886](#) [AA922764](#) [AF468010](#) [AI971357](#) [AK026622](#) [AL710125](#) [AL710149](#) [AI](#)

Unigene Cluster for [CDCP1](#):

CUB domain containing protein 1  
[Hs.476093](#) [show with all ESTs]  
 Unigene Representative Sequence: [NM\\_022842](#)

[CDCP1 expression in 12 normal human tissues](#)

 Applied Biosystems TaqMan ® Gene Expression Assays for [CDCP1](#)

Expression according to <sup>1</sup>[GeneNote](#) / <sup>2</sup>[GeneAnnot](#) / <sup>3</sup>[GeneTide](#)

10 probe-sets matching [CDCP1](#)

	Affymetrix probe-set	Array	GeneAnnot data			GeneNote data	
			# genes	Sensitivity	Specificity	Correlation	Length
	80136_at <sup>2,3</sup>	U95-D	1	1.00	1.00	0.75	1.07
<input checked="" type="checkbox"/>	70811_at <sup>2,3</sup>	U95-E	1	1.00	1.00	0.84	1.08
	49190_s_at <sup>2,3</sup>	U95-B	1	1.00	1.00	0.77	0.90
<input checked="" type="checkbox"/>	58229_at <sup>2,3</sup>	U95-B	1	1.00	1.00	0.85	1.03
	72530_at <sup>2,3</sup>	U95-D	1	1.00	1.00	0.51	0.95
	218451_at <sup>2,3</sup>	U133-A	1	1.00	1.00	--	--
	234932_s_at <sup>2,3</sup>	U133-B	1	1.00	1.00	--	--

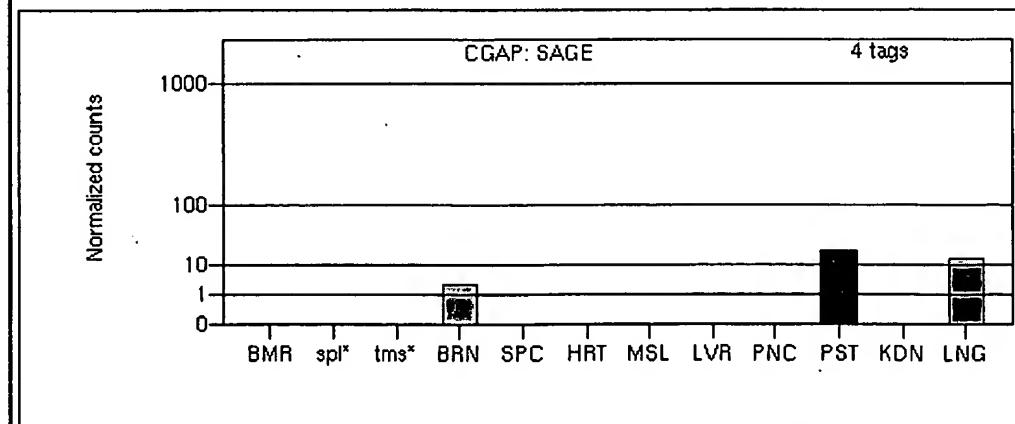
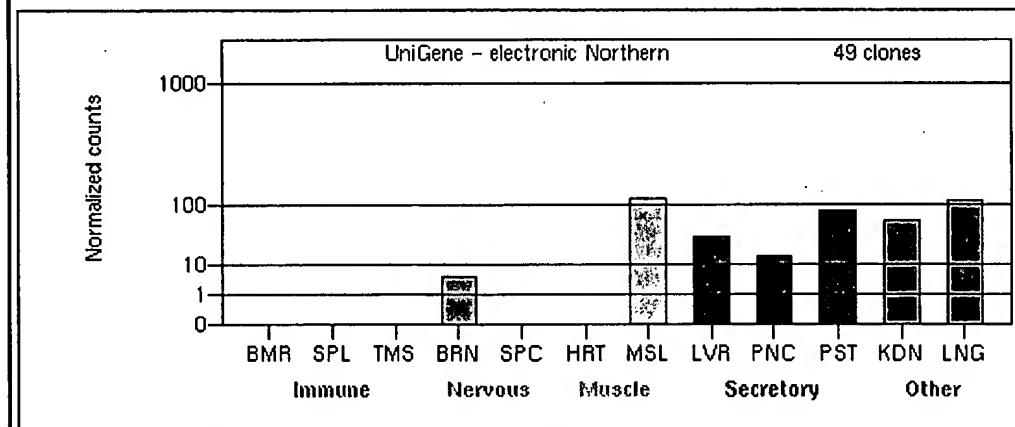
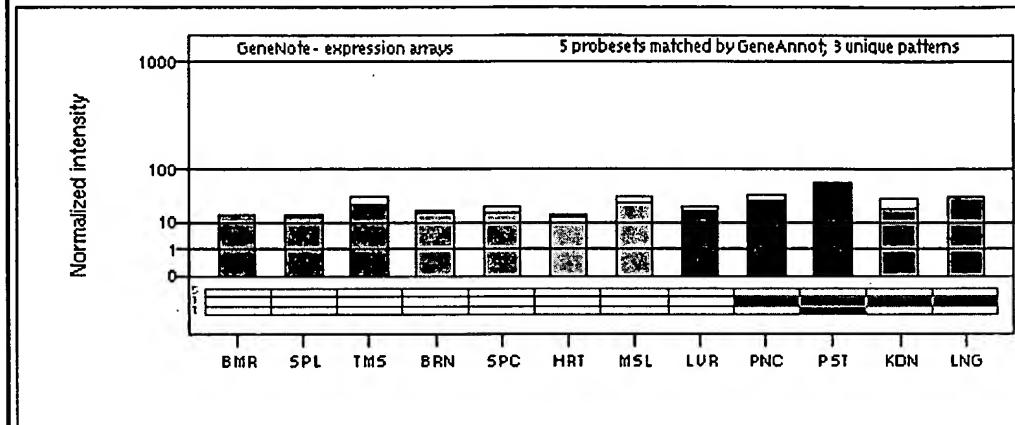
Jump to Section...

218451_at <sup>2</sup>	U133Plus2	1	1.00	1.00	--	--	N
1554110_at <sup>2</sup>	U133Plus2	1	1.00	1.00	--	--	--
234932_s_at <sup>2</sup>	U133Plus2	1	1.00	1.00	--	--	A

**GeneDecks** the gene CDCP1 for binary patterns associated with the probe-set

[About this table](#) [About GeneDecks](#) [sing](#)

 [See relevant publications](#) [About these images](#)



[About these images](#)

**CGAP SAGE TAG: GCCTTGGTAA**

## SOURCE GeneReport for Unigene cluster: Hs.476093

UniProt/Swiss-Prot: CDCP1\_HUMAN; Q9H5V8

- **Tissue specificity:** Highly expressed in mitotic cells with low expression during **Detected at highest levels in skeletal muscle and colon with lower levels in kidney, intestine, placenta and lung. Expressed in a number of human tumor cell lines e.g. colorectal cancer, breast carcinoma and lung cancer. Also expressed in cells w/ reminiscent of mesenchymal stem cells and neural stem cells**

## Similar Genes in Other Organisms

(According to

<sup>1</sup>[HomoloGene](#), <sup>2</sup>[euGenes](#),<sup>3</sup>[SGD](#) and/or <sup>4</sup>[MGD](#) Sep23 2006, with possible further links to [Flybase](#) and/or [WormBase](#))[About This Section](#)Jump to Section... 

## Orthologs from 4 species

Organism	Gene	Locus	Description
dog (Canis familiaris)	LOC484797 <sup>1</sup>	--	similar to CUB domain-containing protein 1 isoform <a href="#">more</a>
rat (Rattus norvegicus)	Cdcp1_predicted <sup>1</sup>	--	CUB domain containing protein 1 (predicted)
mouse (Mus musculus)	Cdcp1 <sup>1, 4</sup>	9 <sup>4</sup>	CUB domain containing protein 1 <sup>1, 4</sup>
chicken (Gallus gallus)	LOC420703 <sup>1</sup>	--	similar to CUB domain-containing protein 1 isoform <a href="#">more</a>

[About this table](#) [Species with no ortholog](#)

## Paralogs

(Paralogs according to

<sup>1</sup>[HomoloGene](#)and <sup>2</sup>[Ensembl](#),

Pseudogenes according to

<sup>3</sup>[pseudogene.org](#))[About This Section](#)Jump to Section... 

## SNPs/Variants

(According to the <sup>1</sup>[NCBI](#)<sup>2</sup>[SNP Database](#), <sup>2</sup>[Ensembl](#),<sup>3</sup>[PupaSUITE](#)/ [PupaSNP](#),and [UniProt](#), [Linkage](#)Disequilibrium by [HapMap](#),

Genotyping Reagents from

[Applied Biosystems](#))[About This Section](#)Jump to Section... 

10/217 NCBI SNPs are shown (see all 217)

(Click **AB** for Applied Biosystems TaqMan® Genotyping Assay) (see all 144)

AB	Genomic Data					Transcription Data		
	SNP ID	Valid	Chr 3 pos	Sequence	Recs	AA Chg	Type	improved
Sort <input type="button" value="▼"/>	1st <input type="button" value="▼"/>	1st <input type="button" value="▼"/>	- <input type="button" value="▼"/>	--	--	--	2nd <input type="button" value="▼"/>	
<b>AB</b>	rs3749191 <sup>1,2</sup>	C,F,A	45109826(+)	CTTGTC/TGGAAG	1	Q/R	ns <sup>1</sup> ese <sup>3</sup>	
<b>AB</b>	rs9874077 <sup>1,2</sup>	C,F	45102519(+)	TGTTGC/TCATTG	1	D/G	ns <sup>1</sup> ese <sup>3</sup>	
<b>AB</b>	rs12634943 <sup>1,2</sup>	C	45127075(+)	TTCCCC/TGCCAT	2	A/A	syn <sup>1</sup>	
<b>AB</b>	rs110631 <sup>1,2</sup>	C,F,O,A	45099173(+)	CTTGTC/TCCAGT	1	--	utr <sup>1</sup>	
<b>AB</b>	rs2176804 <sup>1,2</sup>	C,F,O,A	45101562(+)	GCACAC/TGTTTA	1	--	utr <sup>1</sup> ese <sup>3</sup>	
<b>AB</b>	rs2139536 <sup>1,2</sup>	C,F,A	45101219(+)	gtaatG/Aggttg	1	--	utr <sup>1</sup>	
<b>AB</b>	rs4683039 <sup>1,2</sup>	C,F,A	45100854(+)	gatgtC/Tctggt	1	--	utr <sup>1</sup> ese <sup>3</sup>	

<b>AB</b>	rs129471.2	C,F,A	45099355(+)	TTTTAT/CGTAAG	1	--	utr <sup>1</sup> ese <sup>3</sup>
--	rs46830381.2	C,F,A	45100724(+)	ctGGGG/TTTTTT	1	--	utr <sup>1</sup>
<b>AB</b>	rs98638191.2	C,F	45100784(+)	TCATTT/CTGTAG	1	--	utr <sup>1</sup> ese <sup>3</sup>

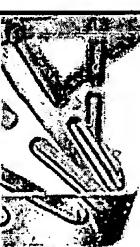
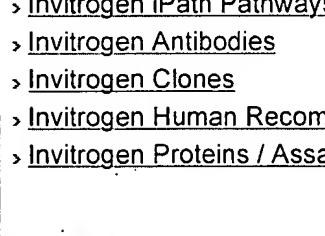
[About this table](#)[All NCBI SNPs in CDCP1](#)[HapMap Linkage Disequilibrium image for CDCP1 \(see more populations for CDCP1\)](#)

<b>Disorders &amp; Mutations</b> (in-which this Gene is Involved, According to <a href="#">OMIM</a> , <a href="#">UniProt</a> , <a href="#">PharmGKB</a> , <a href="#">Genatlas</a> , <a href="#">GeneTests</a> , <a href="#">HGMD</a> , <a href="#">GAD</a> , <a href="#">GDPIInfo</a> , <a href="#">BCGD</a> , and/or <a href="#">TGDB</a> .) <a href="#">About This Section</a>	--
<a href="#">Jump to Section...</a> 	--
<b>Medical News</b> (Possibly Related Articles in Doctor's Guide) <a href="#">About This Section</a>	--
<a href="#">Jump to Section...</a> 	--
<b>Research Articles</b> (in <a href="#">PubMed</a> . Associations of this gene to articles via <sup>1</sup> AKS, <sup>2</sup> HGNC, <sup>3</sup> Entrez Gene, <sup>4</sup> UniProt/Swiss-Prot, <sup>5</sup> UniProt/TrEMBL, <sup>6</sup> GAD, and/or <sup>7</sup> PharmGKB) <a href="#">About This Section</a>	<p><b>10/12 PubMed articles (see all 12):</b></p> <ul style="list-style-type: none"> <li>Generation and initial analysis of more than 15,000 full-length human and mouse cDNAs. <sup>4</sup> Strausberg R.L.... Marra M.A. (2002)</li> <li>Identification of a novel gene, CDCP1, overexpressed in human colorectal cancer. <sup>5</sup> M.... Schweifer N. (2001)</li> <li>Adhesion signaling by a novel mitotic substrate of src kinases. (PubMed id 16003111)</li> <li>The C2 domain of PKCdelta is a phosphotyrosine binding domain. (PubMed id 15831111)</li> <li>Adhesion or plasmin regulates tyrosine phosphorylation of a novel membrane glycoprotein 1 in epithelia. (PubMed id 14739293)<sup>3, 4</sup> Brown T.A.... Carter W.G. (2003)</li> <li>Complete sequencing and characterization of 21,243 full-length human cDNAs. (PubMed id 14739293)</li> <li>CDCP1 identifies a broad spectrum of normal and malignant stem/progenitor cells of neural origin. (PubMed id 15153610)<sup>3, 4</sup> Buehring H.-J.... Lammers R. (2004)</li> <li>The secreted protein discovery initiative (SPDI), a large-scale effort to identify novel secreted proteins using bioinformatics assessment. (PubMed id 12975309)<sup>3, 4</sup> Clark H.F.... Gray A.M. (2003)</li> <li>CDCP1 is a novel marker for hematopoietic stem cells. (PubMed id 12799299)<sup>3, 4</sup></li> <li>Subtractive immunization using highly metastatic human tumor cells identifies a novel phosphoprotein antigen. (PubMed id 12660814)<sup>3, 4</sup> Hooper J.D.... (2003)</li> </ul>
<b>Search for CDCP1</b> (in <a href="#">PubMed</a> , <a href="#">OMIM</a> , and <a href="#">NCBI Bookshelf</a> ) <a href="#">About This Section</a>	<p><input checked="" type="checkbox"/> Aliases</p> <p>CDCP1 (Gene Symbol) CD318 SIMA135</p> <p><input type="checkbox"/> Search String cancer OR tumor AND breast</p> <p><input type="checkbox"/> Free Text <input type="text"/></p> <p>Query String <input type="text"/></p>
<a href="#">Jump to Section...</a> 	

("SIMA135")

Copy to Clipboard

(Note: In FireFox, select the above section and copy

<p><b>CDCP1 in Other Genome Wide Resources:</b> (According to <a href="#">GDB</a>, <a href="#">Entrez Gene</a>, <a href="#">HGNC</a>, <a href="#">AceView</a>, <a href="#">euGenes</a>, <a href="#">Ensembl</a>, <a href="#">miRBase</a>, <a href="#">ECgene</a>, and/or <a href="#">GeneLynx</a>) <a href="#">About This Section</a></p>	<p><a href="#">GDB: 11499694</a> <a href="#">euGenes: HUgn64866</a> <a href="#">Entrez Gene: 64866</a> <a href="#">HGNC: 24357</a> <a href="#">AceView: CDCP1</a></p>
<p><a href="#">Jump to Section...</a> </p> <p><b>CDCP1 in General Databases, Limited Scope</b> (According to <a href="#">HUGE</a>) <a href="#">About This Section</a></p>	<p>--</p>
<p><a href="#">Jump to Section...</a> </p> <p><b>CDCP1 in Specialized Databases</b> (According to <a href="#">ATLAS</a>, <a href="#">HORDE</a>, <a href="#">IMGT</a>, <a href="#">MTDB</a>, <a href="#">LEIDEN</a>, <a href="#">UniProt</a>/<a href="#">Swiss-Prot</a>, and/or <a href="#">UniProt/TrEMBL</a>) <a href="#">About This Section</a></p>	<p><b>Name</b> <a href="#">ATLAS Chromosomes in Cancer entry for CDCP1</a> <b>Description</b> Genetics and Cytogen Haematology</p>
<p><a href="#">Jump to Section...</a> </p> <p><b>Services</b> (Reagents available from <a href="#">Applied Biosystems</a>, Antibodies and assays by <a href="#">Cell Signaling Technology</a>, <a href="#">Abcam</a>, and/or <a href="#">Invitrogen</a>, Clones available from <a href="#">OriGene</a> and/or <a href="#">RZPD</a>) <a href="#">About This Section</a></p>	<p> <b>Applied Biosystems</b> Products for CDCP1: › <a href="#">TaqMan® Gene Expression Assays</a> › <a href="#">Free SNP selection tool</a> › <a href="#">TaqMan® Genotyping Assays</a></p>
<p><a href="#">Jump to Section...</a> </p> <p> <b>invitrogen™</b></p>	<p>› <a href="#">Invitrogen iPath Pathways</a> › <a href="#">Invitrogen BLOCK-iT™ RNAi</a> › <a href="#">Invitrogen Antibodies</a> › <a href="#">Invitrogen Assays</a> › <a href="#">Invitrogen Clones</a> › <a href="#">Invitrogen Q-PCR Products</a> › <a href="#">Invitrogen Human Recombinant Kinases</a> › <a href="#">Invitrogen Custom Antibody and</a> › <a href="#">Invitrogen Proteins / Assays / Screening Services</a> › <a href="#">Search Invitrogen catalog for Cl</a></p>
<p><a href="#">Jump to Section...</a> </p> <p> <b>Cell Signaling TECHNOLOGY™</b></p>	<p>› <a href="#">Search for Antibodies and Assays</a> › <a href="#">Antibodies from Abcam</a> › <a href="#">Full-length</a></p>

(CDCP1)

and shRNA  
expression[Jump to Section...](#)[GeneCards Homepage](#) - [Last full update: 29 Oct 2006](#) [Incremental update: 29 Oct 2006](#)[Display the GeneCard of a random gene](#)[Display the GeneCard of a random annotated gene](#)Developed at the [Crown Human Genome Center](#) & [Weizmann Institute of Science](#)Copyright © 1996-2006, Weizmann Institute of Science. All Rights Reserved.  
server2.xennexinc.com